

STEEL STEAMER or MOTORSHIP

Received at London Office MAR - 5 1941

State if Report has been sent on the Freeboard of the Vessel *Yes.*State if Report is sent on the Machinery of the Vessel *Yes.*Date of completion of report *4th March 1941.*Port of *LEITH.*No. *20330.*Survey held at *Burntisland.* Date First Survey *September 10th 1940.* Last Survey *February 25th 1941.* 19On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Sh. Single Screw Steamer "TUDOR QUEEN" (MACH. AFT.)*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling* State Type of Erections *File. Poop & R.Q. Deck.*TONNAGE under Tonnage Deck... *682.* CLASS *100.A.1.* State if with freeboard as condition of Class *✓* Built at *Burntisland.*Do. of space or spaces between Tonnage Dk. and Upper Dk. *✓* Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a) *L 202.0* Launched *31st December 1940* Yard No. *247.*Total *682.* Breadth (greatest moulded) *B 32.58* Builders *The Burntisland S.S. Co. Ltd.*Gross Tonnage *1029.* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D { 15.12 U.D. 19.41 R.Q.D. }* Owners *British Channel Islands Shipping Co. Ltd.*Register Tonnage *582.* 1st Longitudinal Number (L x D) *= 3055.25* Managers *✓* (Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS. FEET. 2nd Numeral L x (B + D) *= 9637.01* Residence *15/18 Loma Street, London E.C.3.*Length *204.25* Framing Depth "d," at middle of length. See Sec. 3 (1d) *{ 12.43 U.D. 16.72 R.Q.D. }* Port of Registry *LONDON.*Breadth *32.80* Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.35* If surveyed while building, afloat, or in dry dockDepth *13.20* Draught Moulded *14.9 7/8* *while building & afloat.*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<i>24</i> ✓		Bracket Floors, Frame		
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	<i>24</i> ✓		" " Reversed Frame	<i>NONE</i> ✓	
" " in peaks.....	<i>24</i> ✓		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships	<i>31 x .38</i> ✓	
Frame Amidships, Angle <i>E or F</i>	<i>6 3 .30</i> <i>5 1/2 x 3 .30</i> ✓	<i>APPROVED</i>	" " top Angles <i>DOUBLE</i>	<i>3 3 .34</i> ✓	
" " Extends up to <i>UPPER DECK.</i> ✓			" " bottom Angles <i>DOUBLE</i>	<i>3 3 .38</i> ✓	
Reversed Frame Amidships, Angle <i>F</i>	<i>7 3 .33</i> <i>6 1/2 x 3 .35</i> ✓		Side Girders, No. each side and thickness	<i>NONE (LONG GIRDER.)</i> ✓	
" " Extends up to <i>R.Q. DECK.</i> ✓			Margin Plate depth (excl. of flange) and thickness	<i>23 x .34</i> ✓	
Depth of Framing Girder	<i>6" x 7"</i> <i>5 1/2 x 6 1/2</i> ✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	<i>3 3 .33</i> <i>U.D.</i> ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	<i>3 3 .35</i> <i>R.Q.D.</i> ✓	
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	<i>NONE.</i> ✓	
" " Third " " " "			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area.....	<i>NONE.</i> ✓	
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem	<i>6 3 .30</i> ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>41 x .33</i> <i>R.Q.D. .35</i> ✓	
" " in Peaks, Angle or [or]	<i>5 3 .26</i> ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 SPACED</i> <i>7/16" C.T.C.</i> ✓		Breadth and thickness of Middle Line Strake ...	<i>41 x .34</i> ✓	
State if Frame Joggled	<i>YES.</i> ✓		<i>.39 WHERE TANK TOP PLATING IS .39.</i>		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>AS APPROVED.</i> ✓		Thickness of remainder in Holds	<i>.31 INCREASED .08 IN LIEU OF WOOD CEILING UNDER HATCHWAYS.</i> ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>AS APPROVED.</i> ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	<i>YES</i> ✓	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships	<i>6 3 .28</i> <i>5 x 3 x .36</i> ✓	<i>5.00</i>
Height of Brackets at side above base line at toe of frame			" " in Wells, Angle <i>E or F</i>		
Middle Line Keelson, on Floors, Angles, [or]			" " in way of Bridge, Angle, <i>E or F</i>	<i>4 3 .30</i> ✓	
" " Through Plate or Intercoastal Plate			Spacing	<i>24</i> ✓	
" " Foundation Plate on Floors			<i>R.Q.</i> Second Deck, amidships, Angle <i>E or F</i>	<i>6 3 .27</i> ✓	
" " Flat Plate Keel Angles			" " <i>1/2 BEAMS</i> ANGLES.	<i>4 3 .30</i> ✓	
Double Keelsons, No. each side			Spacing	<i>24</i> ✓	
" thickness of Intercoastal Plate...			Third Deck, amidships, Angle, [or]		
" Angles			Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or]		
Mid Floors, thickness and spacing	<i>.30 EVERY</i> ✓		Spacing	<i>3.78</i> ✓	
" Are Frame and Reversed Frame joggled?	<i>YES.</i> ✓		Poop Deck, Angle, <i>E or F</i>	<i>5 3 .25</i> <i>5 x 3 x .40</i> ✓	<i>3.32</i>
Bracket Floors, breadth and thickness at middle line	<i>NONE</i> ✓		Spacing	<i>24</i> ✓	
" breadth and thickness at margin plate			Bridge Deck, Angle, [or]		
			Spacing		
			Forecastle Deck, Angle, <i>E or F</i>	<i>5 3 .25</i> ✓	
			Spacing	<i>24</i> ✓	

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	CANTILEVER BRACKETS SPACED EVERY 4 TH FRAME. ✓	✓	STRINGER ANGLE.	3½ 3½ .38 ✓	✓
" in 'tween Decks, Size and Spacing.....	.36 THICK "4" FLANGE "3'3" + 3'0" DEEP (SEE APPROVED PLANS.) ✓	✓	Stringer Plate, breadth and thickness in way of Bridge	✓	✓
" " " " "	✓	✓	Thickness of Plating abreast Deck openings } in way of Wells	✓	✓
" " " " "	✓	✓	Thickness of Plating abreast Deck openings } in way of Bridge	✓	✓
" in Holds FRAMES 65 x 73 ✓	8 x 6 x 35 / AS ✓	✓	Thickness of Plating within line of openings...	.30 ✓	✓
" " " " "	JOISTS.	✓	If Sheathed, material and thickness26 SHEATHED IN ACCOMMODATION WITH ¾" DECORSTONE" ✓	✓
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	NONE. ✓	✓	Stringer Plate, breadth and thickness.....	/	/
Plating, thickness of			If Plated, state thickness.....	/	/
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	/	/
Stringer Plate, breadth and thickness in Wells	69 ¾ x .48 ✓	✓	If Plated, state thickness	/	/
" " " " in way of Bridge	✓	✓	Poop Deck.		
" Angle in Wells To...	5 5 .48 ✓ 3 3 .34 ✓	✓	Stringer Plate, breadth and thickness32 ✓	✓
Thickness of Plating abreast Deck openings } in way of Wells	STRINGER ONLY. ✓	✓	Plating, Sheathing, material and thickness26 SHEATHED OVER ACCOMMODATION WITH 2" BITUMASTIC. ✓	✓
Thickness of Plating abreast Deck openings } in way of Bridge	✓	✓	Bridge Deck.		
Thickness of Plating within line of openings...	.30 AT FORE END. ✓	✓	Stringer Plate, breadth and thickness.....	/	/
If Sheathed, material and thickness	NONE. ✓	✓	Plating, Sheathing, material and thickness ...	/	/
R. Q.			Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	.30 TRANSVERSELY PLATED. ✓	✓
Stringer Plate, breadth and thickness in Wells...	65 x .38 ✓	✓	Plating, Sheathing, material and thickness ...	✓	✓

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>No.</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	40	✓ 49	✓ 45	✓ 45		DOUBLE ✓	3/4 ✓	3 ✓	TREBLE ✓	3/4 ✓	2 3/4 ✓	LAPPED. ✓
" DBLG. (if any)		✓			APPROVED			✓				
BOTTOM PLATING, No. of Strakes	A. 65	✓ 42	✓ 44	✓ 36	⊗ 65 x 40 ✓	DOUBLE ✓	3/4 ✓	3 ✓	TREBLE TO DOUBLE ✓	3/4 ✓	2 5/8 ✓	LAPPED. ✓
	B. 65	✓ 42	✓ 40	✓ 36	⊗ Do. ✓	Do. ✓	3/4 ✓	3 ✓	Do. ✓	3/4 ✓	2 5/8 ✓	Do. ✓
BILGE PLATING, No. of Strakes	C. 60	✓ 42	✓ 40	✓ 36	⊗ 60 x 40 ✓	Do. ✓	3/4 ✓	3 ✓	Do. ✓	3/4 ✓	2 5/8 ✓	Do. ✓
	D. 55 5/8	✓ 40	✓ 36	✓ 36	⊗ 55 5/8 x 40 ✓	Do. ✓	3/4 ✓	3 ✓	DOUBLE ✓	3/4 ✓	2 5/8 ✓	Do. ✓
SIDE PLATING, No. of Strakes	E. 65	✓ 40	✓ 36	✓ 36		DOUBLE ✓	3/4 ✓	3 ✓	DOUBLE ✓	3/4 ✓	2 5/8 ✓	Do. ✓
UPPER DECK, Sheer-strake in Wells. (1.)	F. 65	✓ 51	✓ 36	✓	INCREASED AT BREAK. 69. ✓	DOUBLE ✓	3/4 ✓	3 ✓	TREBLE TO DOUBLE ✓	7/8 ✓	3" ✓	Do. ✓
UPPER DECK, Sheer-strake in Bridge (1.)	F. 65	✓ 40	✓	✓ 36		DOUBLE ✓	3/4 ✓	3 ✓	DOUBLE ✓	3/4 ✓	2 5/8 ✓	Do. ✓
STRAKE BELOW Sheer-strake in Wells.		✓			⊗ END PLATES TO STERN FRAME 39. ✓	SINGLE AT TOP EDGE	3/4 ✓	3 ✓				
STRAKE BELOW Sheer-strake in Bridge ...		✓			(SEE APPROVED PLAN FOR BREAK INCREASES.)			✓				
POOP SIDE PLATING			✓ 38 to 36 ✓	✓		SINGLE ✓	3/4 ✓	3 ✓	DOUBLE ✓	3/4 ✓	2 5/8 ✓	LAPPED. ✓
R.Q.D.K. BRIDGE SIDE PLATING	G. 52 1/4	✓ 44	✓	✓ 36	INCREASED AT BREAK 58 - 1/8. ✓	SINGLE ✓	3/4 ✓	3 ✓	TREBLE TO DOUBLE ✓	7/8 ✓	3" ✓	LAPPED. ✓
FORE'C'TLE SIDE PLATING	53 3/4 after		✓ 28 ✓			SINGLE ✓	3/4 ✓	3 ✓	SINGLE ✓	3/4 ✓	2 5/8 ✓	LAPPED. ✓

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 a) THREE.						
Deck next below TWO TO UPPER DECK & ONE TO R.Q. DECK.						
As per Rule THREE.						
		STIFFENERS.				
Plating Thickness.		VERTICAL.		HORIZONTAL.		
		Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKHD.	Upper tween decks	✓				
"	Second "	✓				
"	Third "	✓				
"	Holds FR. 29.	3/8	5 x 3 x 25 L 30	43 @ 35 STIFFERS	SPACING.	
		8 x 40	8 x 3 x 34 L 33			
			4 STRUTS.			
COLLISION	(in Hold) FR. 30.	2 1/2	5 x 3 x 30 L 24			
			AND AS PER APPROVED PLAN.			
AFTER PEAK	" FR. 5.	30 x 65	6 x 3 x 30 L 24	6 x 3 x 33 L		
			AND AS PER APPROVED PLAN.			
				KEEL, Bar	NONE.	HAIRD'S & SCOTTISH, I. C.
				STEM	STEEL BAR.	6 1/2 x 1 1/2 PLATE STEM ABOVE.
				STERN FRAME	Propeller Post	C. STEEL.
				Rudder	"	NONE. STEEL 6. 1 1/2
				Speed of Vessel	10 KNOTS.	
				RUDDER—Type	BALANCED—DOUBLE PLATE.	
				A x D	C. STEEL FRAME	WOLSEINGHAM STEEL CO. L.R.
				Diam. of head	E. STEEL 4 3/8	RULE 3 3/8
				Mainpiece at top pintle	✓	
				heel	✓	
				how constructed	C. STEEL FRAME WITH 2. ARMS.	
				double or single plate	DOUBLE.	
				coupling, vertical or horizontal	HORIZONTAL.	

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *OPEN HEARTH.*
Lanarkshire, Appleby, Dorman Long, Colville, Steel Co of Scotland, Bonnet, South
Durham, Mellingrove.
Has the Steel been tested as required by the Rules? *Yes.* ✓

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The following plans are forwarded herewith:—

Midship Section.

Profile & Decks.

Modifications to Profile & Decks.

Stern Frame & Rudder.

Stern Framing.

Pumping Plan.

Simplex Steel Hatch Covers.

Steel Hatch Covers (cancelled.)

Mast Plan.

Rudder Quadrant & Tiller.

Arrangement of Steering Chains Rods &c.

Combined steering gear buffers and stretching screws.

Quarter Block.

General Arrangement.

Forging Reports. (3 off.)

PARTICULARS OF ELECTRIC WELDING (if employed) Electric welding employed for small local repairs and deck fittings only.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book.

1. Dk (H.L.). Mchg Aft. Cruiser Stern. — E.S.D. — D.F.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower
2nd "
3rd "

14-1-15 - J.D. - 2797 - 27.4, 40.

14-3-0 - J.D. - 2862 - 11.5, 40.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38.75 ft., R.Q.D. 108.0 ft., Bridge 1 ft., Forecastle 24.45 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 168071.

Signal Letters B.C.F.D.

Extreme Breadth over Belting (Circ. 1611)

33.04

Over-all Length (Circ. 1703)

212.25

No. and Material of Decks 1. Dk (H.L.)

Parts of Bottom of Vessel coated with cement or approved composition. Inside of double bottom tanks, bilges & peaks, cemented. Bituminous enamel in bottom spaces in engine and boiler space.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, N° 4. FEED WATER.	8.0	9.	Fore peak tank,	20.58	61.
Double bottom, under Engines and Boilers, N° 3.	40.0	62.	After peak tank,	17.57	23.
Double bottom, if under Engines only, N° 2.	42.0	92.	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only, N° 1.	44.0	62.	Deep tank, forward,	✓	✓
Double bottom, forward,	✓	✓	Other tanks, if fitted,	✓	✓
Total length (if continuous) and Capacity	✓ 134.0	225	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 2034

Date 15th Jan. 1940.

Dates of Surveys held while building

1940
September 10th, 17th, 24th, 30th; October 9th, 15th, 23th, 30th; November 5th, 11th, 15th, 28th;
December 6th, 10th, 12th, 19th, 20th, 24th, 28th, 31st. 1941. January 7th, 23rd, 31st.
February 4th, 7th, 10th, 18th, & 25th.

Total No. of Visits 28.